K014027

SYBRON DENTAL SPECIALTIES

FEB 2 2 2002

Section III - 510(k) Summary of Safety and Effectiveness

Submitter:

Sybron Dental Specialties, Inc.
1717 W. Collins Avenue
Orange, California 92867
(714) 516-7484 - Phone
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Colleen Boswell - Contact Person

Date Summary Prepared: December 2001

Device Name:

- Trade Name – *Optibond Solo Plus 4*
- Common Name – Resin Tooth Bonding Agent
- Classification Name – Resin Tooth Bonding Agent, per 21 CFR § 872.3200

Devices for Which Substantial Equivalence is Claimed:

- Kuraray America, Inc., *Clearfil Liner Bond 2V*

Device Description:

OptiBond Solo Plus 4 self-etch primer is designed for use with *OptiBond Solo Plus* adhesive or *OptiBond Solo Plus* adhesive with dual cure activator (in Unidose or bottle delivery), both a Class II device which were granted marketing clearance by FDA following the submission of a 510(k) premarket notification. When used with *OptiBond Solo Plus* or *OptiBond Solo Plus with Activator*, the self etch primer can be used in the bonding of both direct and indirect restorations. The self-etch primer is used to eliminate the phosphoric acid etch step of the bonding process. Some advantages of using a self etch primer include reduction of post-operative sensitivity and an elimination of steps in the bonding process.

Intended Use of the Device:

The intended use of *Optibond Solo Plus 4* can be used for direct situations, i.e., composite to enamel and/or dentin, composite repair, porcelain repair, composite to metal, amalgam sealing, post and core build-up materials, and indirect situations, i.e., veneers, onlays, inlays, crowns and bridges (used in conjunction with a resin luting agent).

Substantial Equivalence:

Optibond Solo Plus 4 is substantially equivalent to other legally marketed devices in the United States. The self-etching primer marketed by Kuraray America, Inc. functions in a manner similar to and is intended for the same use as the product manufactured by Kerr Dental Materials Center.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

FEB 2 2 2002

Ms. Colleen Boswell
Kerr Dental Materials Center Center
A Division of Sybron Dental Specialties, Incorporated
1717 West Collins Avenue
Orange, California 92867

Re: K014027
Trade/Device Name: Optibond Solo Plus 4
Regulation Number: 872.3200
Regulation Name: Resin Tooth Bonding Agent
Regulatory Class: II
Product Code: KLE
Dated: December 4, 2001
Received: December 6, 2001

Dear Ms. Boswell:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies.

You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

Sincerely yours,

Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Section I

Indications for Use Statement

Ver/ 3 - 4/24/96

Applicant: Kerr Dental Material Center

510(k) Number (if known): K014027

Device Name: Optibond Solo Plus 4

Indications For Use:

Optibond Solo Plus 4 is a self-etch primer designed to work in conjunction with a tooth bonding agent. *Optibond Solo Plus 4* can be used for indirect situations, i.e., composite to enamel and/or dentin, composite repair, porcelain repair, composite to metal, amalgam sealing, post and core build-up materials, and indirect situations, i.e., veneers, onlays, inlays, crowns and bridges (used in conjunction with a resin luting agent).

Susan Runner

(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K014027

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

(Per 21 CFR 801.109)
(Optional Format 1-2-96)